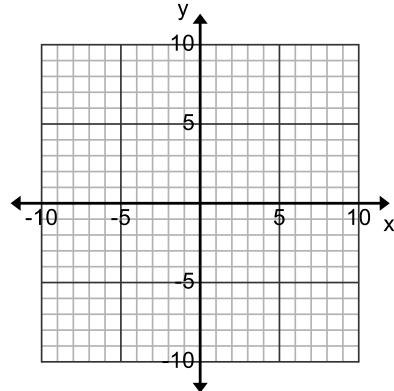


1. The sine of an obtuse angle, θ , in standard position is $\frac{-3}{5}$.

a) Identify the coordinates of a point that lies on the terminal arm of $\angle \theta$.

b) Sketch a diagram of $\angle \theta$.



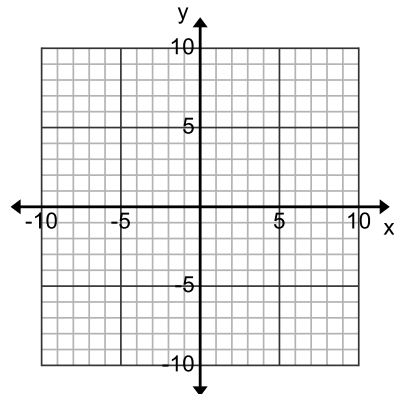
c) Determine $\cos \theta$ and $\tan \theta$.

d) Determine the measure of $\angle \theta$, using a calculator.

2. The tangent of an obtuse angle, θ , in standard position is -1 .

a) Identify the coordinates of a point that lies on the terminal arm of $\angle \theta$.

b) Sketch a diagram of $\angle \theta$.



c) Determine $\sin \theta$ and $\cos \theta$. Round your answers to three decimal places.

d) Determine the measure of $\angle \theta$, using a calculator.